

SEQUENCE LISTING

<110> Snell, Kristi D.

<120> Multi-Gene Expression Constructs Containing Modified
Inteins

<130> MBX 038

<140> Not Yet Assigned

<141> 2000-02-09

<160> 2

<170> PatentIn Ver. 2.1

<210> 1

<211> 1617

<212> DNA

<213> Pyrococcus sp.

<220>

<221> misc_feature

<222> (1)..(3)

<223> Asparagine residue encoded at N-terminal extein
junction point

<220>

<221> misc_feature

<222> (1615)..(1617)

<223> Serine residue encoded at C-terminal extein
junction point

<400> 1

```
aacagcattt taccggaaga atgggttcca ctaattaaaa acggtaaagt taagatattc 60
cgcatgtggg acttcgttga tggacttatg aaggcgaacc aaggaaaagt gaagaaaacg 120
ggggatacag aagtttttaga agttgcagga attcatgcgt ttccctttga caggaagtcc 180
aagaaggccc gtgtaatggc agtgaaagcc gtgataagac accgttattc cggaaatggt 240
tatagaatag tcttaaactc tggtagaaaa ataacaataa cagaagggca tagcctattt 300
gtctatagga acgggggatct cgttgaggca actggggagg atgtcaaaat tggggatctt 360
cttgcagttc caagatcagt aaacctacca gagaaaaggg aacgcttgaa tattgttgaa 420
cttcttctga atctctcacc ggaagagaca gaagatataa tacttacgat tccagttaaa 480
ggcagaaaaga acttcttcac ggaatgttg agaacattac gttggatttt tggtagaggaa 540
aagagagtaa ggacagcgag ccgctatcta agacacctg aaaatctcgg atacataagg 600
ttgaggaaaa ttggatacga catcattgat aaggaggggc ttgagaaata tagaacgttg 660
tacgagaaac ttgttgatgt tgtccgctat aatggcaaca agagagagta tttagttgaa 720
tttaatgctg tccgggacgt tatctcacta atgccagagg aagaactgaa ggaatggcgt 780
attggaacta gaaatggatt cagaatgggt acgttcgtag atattgatga agattttgcc 840
```

aagcttcttg gctactatgt gagcgaggga agtgcgagga agtggaagaa tcaaactgga 900
ggttgagatt acaactgtgag attgtacaac gagaacgatg aagttcttga cgacatggaa 960
cacttagcca agaagttttt tgggaaagtc aaacgtggaa agaactatgt tgagatacca 1020
aagaaaatgg cttatatcat ctttgagagc ctttggtgga ctttggcaga aaacaaaagg 1080
gttcctgagg taatctttac ctcatcaaag ggcgttagat gggccttcct tgagggttat 1140
ttcatcggcg atggcgatgt tcacccaagc aagaggggtc gcctatcaac gaagagcgag 1200
cttttagtaa atggccttgt tctcctactt aactcccttg gagtatctgc cattaagctt 1260
ggatacgata gcggagtcta cagggtttat gtaaacgagg aacttaagtt tacggaatac 1320
agaaagaaaa agaattgtata tcaactctcac attgttccaa aggatattct caaagaaact 1380
tttggttaagg tcttccagaa aaatataagt tacaagaaat ttagagagct tgtagaaaat 1440
ggaaaacttg acagggagaa agccaaacgc attgagtggg tacttaacgg agatatagtc 1500
ctagatagag tcgtagagat taagagagag tactatgatg gttacgttta cgatctaagt 1560
gtcgatgaag atgagaattt ccttgctggc tttggattcc tctatgcaca taatagc 1617

<210> 2

<211> 600

<212> DNA

<213> Mycobacterium xenopi

<220>

<221> misc_feature

<222> (1)..(3)

<223> Tyrosine residue encoded at N-terminal extein
junction point

<220>

<221> misc_feature

<222> (558)..(600)

<223> Threonine residue encoded at C-terminal extein
junction point

<400> 2

tactgcatca cgggagatgc gctggttgcc ctacccgagg gcgagtcggt acgcatcgcc 60
gacatcgatgc cgggtgcgcg gcccaacagt gacaacgcca tcgacctgaa agtccttgac 120
cggcattgca atcccgatgc cgcgcacggc ctgttccact ccggcgagca tccggtgtac 180
acggtgcgta cggtcgaagg tctgcgtgtg acgggcacgc cgaaccaccc gttgttgtgt 240
ttggtcgacg tcgccggggg gccgacctg ctgtggaagc tgatcgacga aatcaagccg 300
ggcgattacg cggtgattca acgcagcgca ttcagcgatg actgtgcagg ttttgccgac 360
ggaaaacccg aatttgcgcc cacaacctac acagtcggcg tccctggact ggtgcgtttc 420
ttggaagcac accaccgaga cccggacgcc caagctatcg ccgacgagct gaccgacggg 480
cggttctact acgcgaaagt cgcagtgatc accgacggcg gcgtgcagcc ggtgtatagc 540
cttcgtgtcg acacggcaga ccacgcgttt atcaccaacg ggttcgtcag ccacaacacc 600